

AMENDMENTS

In the Abstract:

Please amend the abstract as follows:

Methods of producing nucleic acid arrays using an in situ nucleic acid synthesis protocol are provided, where the in situ nucleic acid synthesis protocol includes a plurality of cycles, each of which includes: (I) a monomer attachment step; and (II) a functional group generation step. A feature of the subject methods is that the functional group generation step is performed by sequentially flowing a plurality of different fluids across the surface of a substrate in a manner such that the surface is not contacted ~~with-a~~ with a triple phase interface line. Also provided are the arrays produced using the subject methods, as well as methods for use of the arrays and kits that include the same.